

Client:

Project:

Type:

Order Code:

Quantity:

AL-M40e - Standard Mount

The Mini Media Display series (**AL-M40**) is a media façade solution for architectural buildings and landmarks. The variety of LED options and accessories provide a versatile product platform for high customization requests that require high brightness, excellent color consistency and dynamic effects.

Available with high-quality RGBW LED packages (with backlight enhancement), it delivers outstanding visual effects with high consistency and efficiency, it is the perfect option for any exterior application.

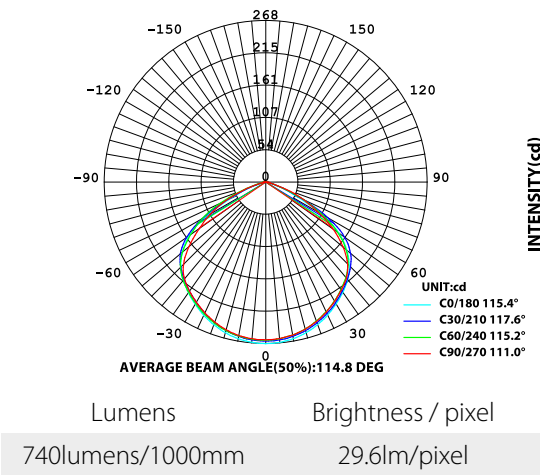
SPECIFICATIONS

Colour	WW - Warm White
	NW - Natural White
	CW – Cool White
	RGB – RGB Color
	RGBW – RGB White
	RGBDW – RGBWWCW
	Custom LED color combinations available
Beam Angle	F – 120° B – 30 * 60°
Housing Length	320mm/ 640mm/ 960mm/ 1280mm/ 1600mm/ 1920mm/ 2240mm
Control	Standard DMX512A, DMX512 Extended or Acclaim High Speed protocol 40mm resolution, each 40mm section can be controlled individually with 16 bits gray scale
Pixels	25px per 1000mm
Power Consumption	Max 30W/m LED
Voltage Input	7 - 60 VDC input with built-in DC to DC constant voltage convertor
Lumen Maintenance	L70 @ 65,000 hours $t_a = 50^\circ\text{C}$ (122°F)
Mounting	Standard mounting
Finish	Black matte Or Gray anodized or custom color
Operating Temperature	$T_a = 0^\circ\text{C}$ to 55°C (32°F to 131°F), optional extended version to 70°C (158°F)
IP Rating	IP65 (incl. fixture connectors), IP67 for enclosure
IK Rating	IK06 rated fixture body construction

Mini Media Display

Weight	500g @ 1000mm (standard mounting)
Fixture Connectors	Through wiring for end-to-end connection via snap-in and lock connectors
Warranty	3 years, 5 years optional
Dimensions	L: Custom to fit W: 15mm H: 23.8mm
Certifications	CE

LIGHTING PERFORMANCE



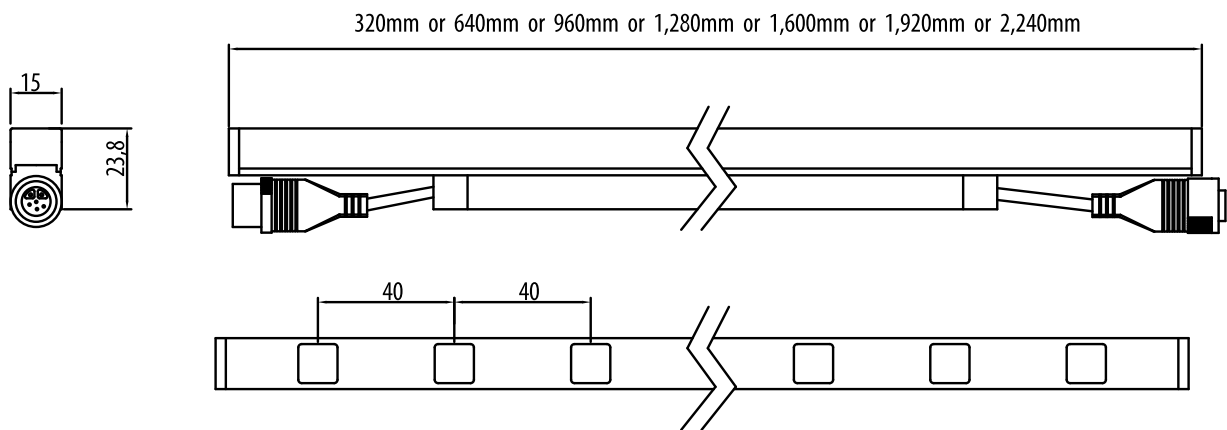
- Ultra High light efficiency
- With extended 16 bits gray scale (65,535 steps per color). Providing extremely smooth Light transiting
- With max. refresh rate of 4,000Hz
- High Color Rendering index on pure white mode operation
- Low intensity depreciation in high temperature environment

MECHANICAL DETAILS

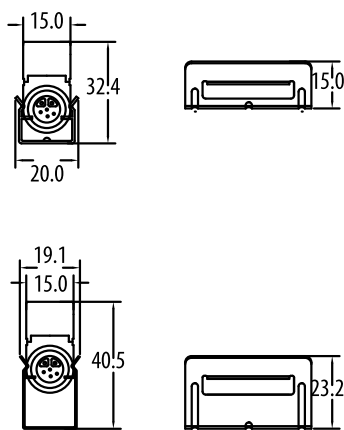
- Compact in size
- Led is protected by top grade Polycarbonate which can be exposed by sun for more than 7 years
- Guaranteed long life time and high performance

Mini Media Display

DIMENSIONS



INSTALLATION



Standard mounting

RELATED COMPONENTS

Optional Mounting brackets



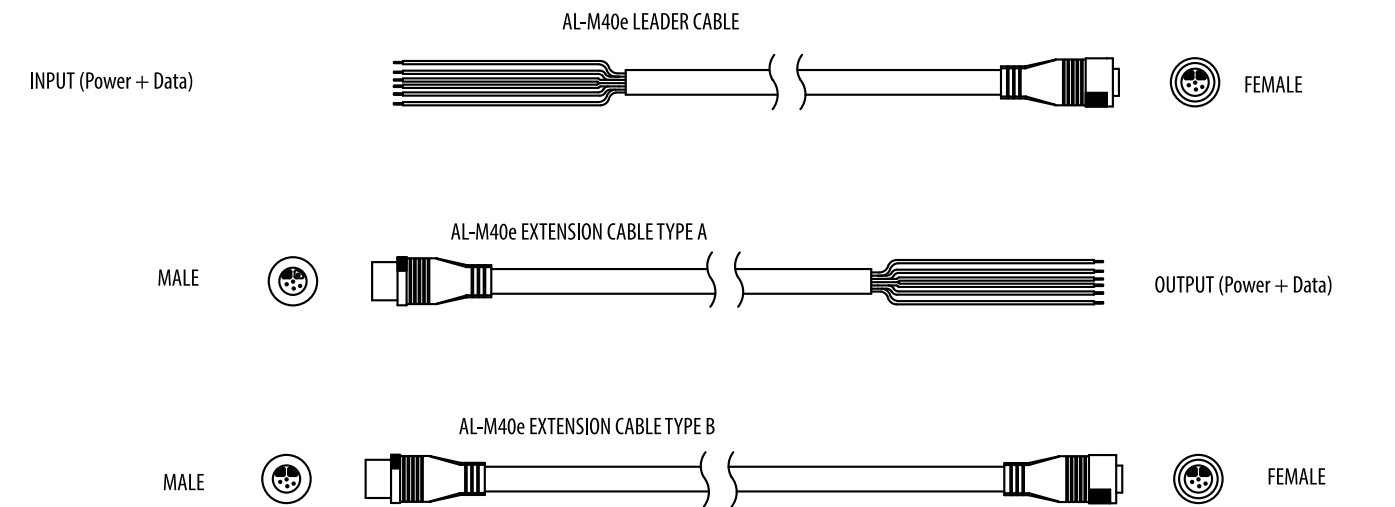
AL-M40e-StdH



AL-M40e-StdS

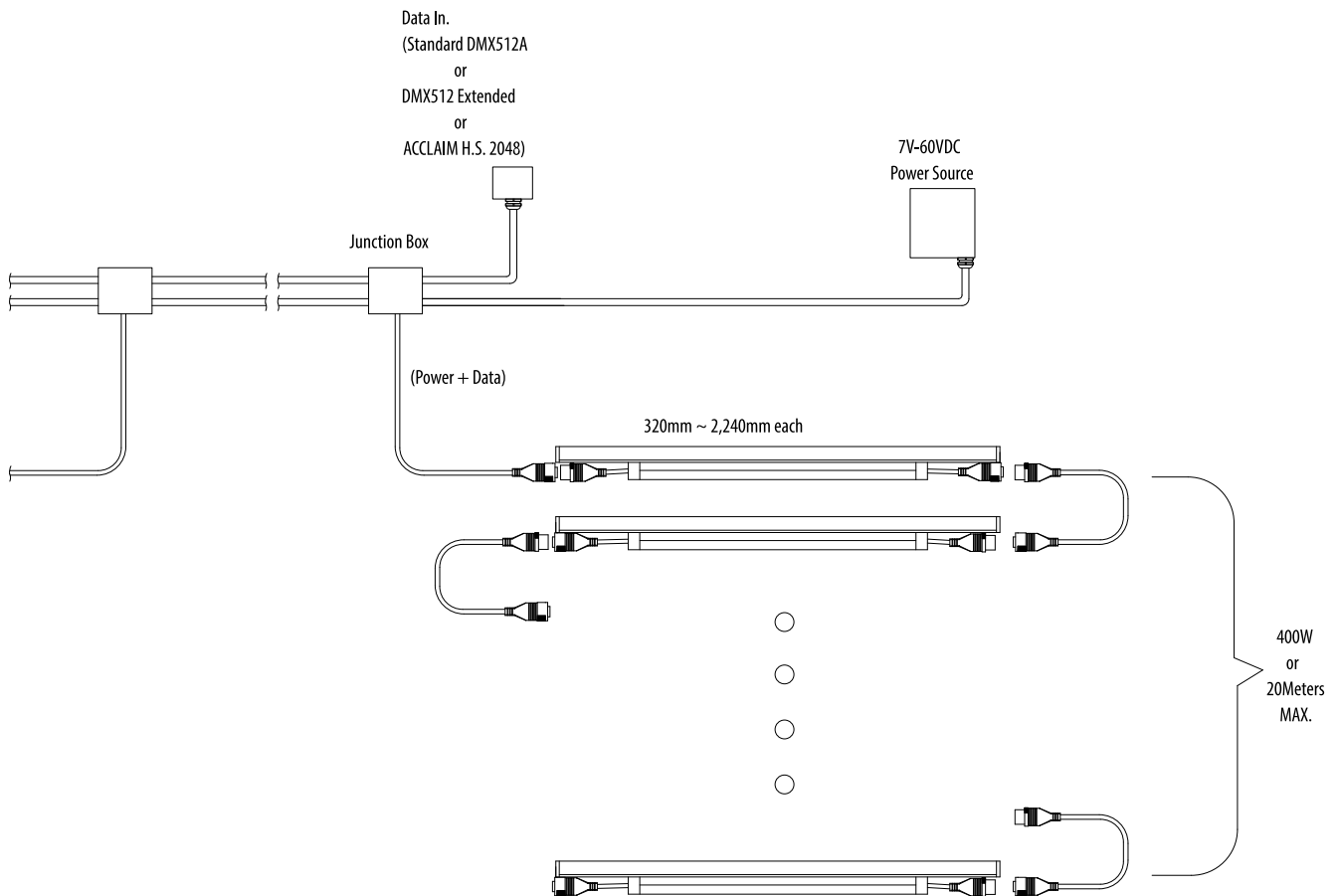
Mini Media Display

Optional cable accessories



Mini Media Display

TYPICAL SYSTEM DIAGRAM: WITH CONTROL



Reference Connection Diagram

REMARKS

- Max. length of data cable <100Meters
- Max. connection of media tube is 20Meters. For more connections, please refer to special edition.
- Max. input voltage of media tube is 60VDC.
- Min. input voltage of media tube is 7VDC.
- Min. operating temperature is 0 C°.
- Max. operating temperature is 55 C° and up to 70 C° with the optional extended temperature grade edition.

Mini Media Display

ORDERING INFORMATION

AL-M40e Mini Media display series						
FAMILY	NOMINAL LENGTH	BODY COLOR	POWER (per 300mm/1ft)	LED COLOR	OPTICS (FWHM)	INPUT VOLTAGE
AL-M40e	320	BM - Black Matte Anodized SM - Silver Matte Anodized	S – Standard 20Watts per 1000mm C – Customized	WW - Warm White	F – 120degree	DC – 7 – 60VDC
	640			NW - Natural White	B – 30 * 60 degree	
	960			CW – Cool White		
	1280			RGB – RGB Color		
	1600			RGBW – RGB White		
	1920			RGBDW - RGBWWCW		
	2240					